

# Exhibit 6



CASE WESTERN RESERVE  
UNIVERSITY 1826

Department of Materials Science and Engineering  
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10900 Euclid Avenue  
Cleveland, OH 44106-7204

## TEST REPORT

Date: April 4, 2011  
Report number: Antaya B6-01

Client:  
Antaya Technologies Corporation  
72 Fenner Dr.  
Cranton, RI 02910

Sample: Alloy B6-01

### Test method and conditions:

The B6-01 panel consisted of thirty (30) terminals arranged on a square glass panel in 6x5 format. The panel was placed into an oven upon a rack that allowed individual weights to be hung from each terminal. Each weight measured nominally 500 grams, with the heaviest weight measuring 507 grams. Upon hanging each of the thirty (30) 500 gram weights to each of the terminals, the oven was heated to 125°C. The temperature was stabilized and the exposure time until failure at 125°C was recorded from the time the oven reached the stabilized temperature. Over the course of 500 hrs, the oven temperature was checked by an external device once or twice daily. The lowest measured temperature was 124.4 °C and the highest was 126.5 °C.

### Results:

No failures of the soldered contacts occurred after 500 hrs under a load of 500gms at 125C.

Prepared by

A handwritten signature in black ink that reads "Chris Tuma".

Chris Tuma  
Co-Director – Center for Mechanical Characterization of Materials

Approved by

A handwritten signature in black ink that reads "John J. Lewandowski".

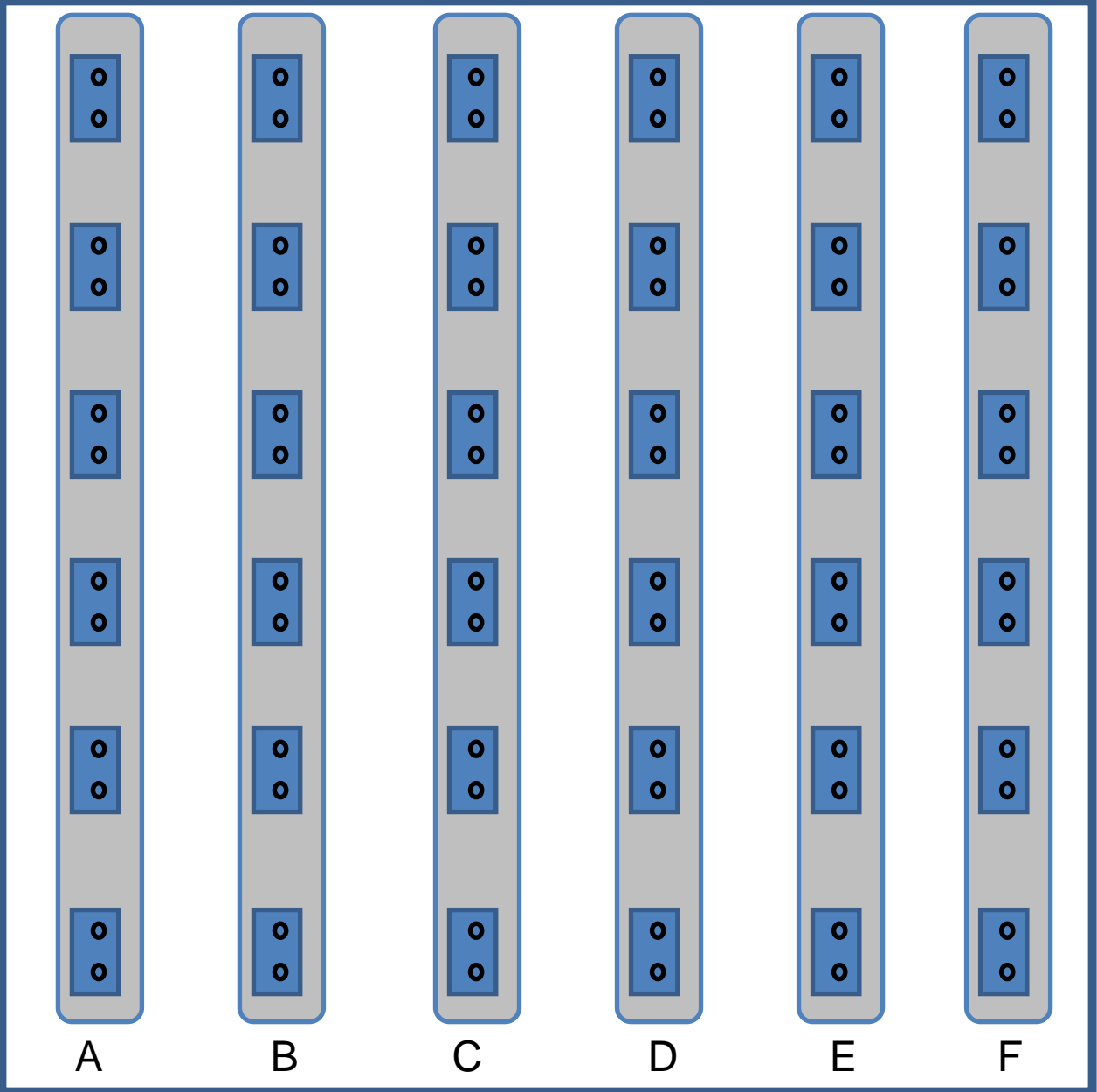
John J Lewandowski  
Leonard Case, Jr., Professor of Engineering  
Director - Center for Mechanical Characterization of Materials

**Alloy B6-01**  
**125 C**

**501 hrs**

Oven 4  
Bottom  
04/06/11  
12:10 PM

6  
5  
4  
3  
2  
1



FRONT OF OVEN

